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NEWS

NMTBA
The Association For
Manufacturing Technology

FOR RELEASE: January 30, 1989
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Machine Tool Orders Up 69.5% In 1988

Total machine tool orders for 1988 reached $3,590.80 million, up 69.5% compared to 1987's $2,118.80 million according to figures released today by NMTBA – The Association For Manufacturing Technology. Metal cutting machine tool orders were up 86.6% for the year, topping out at $2,707.85 million, while metal forming orders reached $882.95 million, up 32.3% for the year.

Compared to November, December 1988 total machine tool orders were up 13.4%, reaching $316.40 million. Metal cutting orders rose 30.8%, to $246.35 million, while metal forming fell 22.7% to $70.05 million. Comparing December 1988 to December 1987, total machine tool orders were up 31.1%, with metal cutting up 41.4% and metal forming up 4.3%.

James A. Gray, NMTBA President, said, "A year ago, with 1987 closing on a high note after a year of wide fluctuations in monthly orders, I said we looked forward to 1988 with 'cautious optimism.' And indeed, 1988 has turned out to be a very good year for our industry. Both metal cutting and metal forming orders are up. Domestic and foreign orders closed out the year well ahead of 1987. Foreign metal cutting orders reached $392.15 million, up 149.8% for the year. Total orders have not been this high since 1980."

"We hope that the new administration continues the policies that have made this recovery possible for our industry. Tax laws must be conducive to the kind of investment necessary to keep American businesses growing. Trade policy must push us in the direction of importing less and exporting more. American consumers are being told they must tighten their belts,

(more)

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save more, spend less, work harder. The machine tool industry has done just that. And we remain cautiously optimistic that work and planning will continue to pay off in 1989."

At $2,399.05 million, total machine tool shipments for 1988 were 3.2% ahead of 1987, with metal cutting machine tool shipments down 6.1%, and metal forming shipments up 27.4%. Comparing December 1988 to December 1987, total shipments were up 1.4%, with metal cutting down 7.4% and metal forming up 33.7%.

December 1988 total shipments stood at $292.50 million, up 13.6% compared to the previous month. December 1988 shipments of metal cutting equipment rose 22.6% to $209.35 million, while metal forming shipments fell 4.1% to $83.15 million.

The machine tool order backlog for December 1988 stood at $2,191.25 million, up from November's $2,167.35 million.

# # #

COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
DEC 1988	191.45	54.90	246.35	60.20	9.85	70.05	251.65	64.75	316.40
NOV 1988	164.60	23.75	188.35	66.25	24.40	90.65	230.85	48.15	279.00
% CHANGE									
DEC 1988:NOV 1988	+16.3	+131.2	+30.8	-9.1	-59.6	-22.7	+9.0	+34.5	+13.4
DEC 1987	154.80	19.45	174.25	54.65	12.50	67.15	209.45	31.95	241.40
% CHANGE									
DEC 1988:DEC 1987	+23.7	+182.3	+41.4	+10.2	-21.2	+4.3	+20.1	+102.7	+31.1
YEAR TO DATE 1988	2,315.70	392.15	2,707.85	749.35	133.60	882.95	3,065.05	525.75	3,590.80
YEAR TO DATE 1987	1,294.45	157.00	1,451.45	536.05	131.30	667.35	1,830.50	288.30	2,118.80
% CHANGE									
1988 : 1987	+78.9	+149.8	+86.6	+39.8	+1.8	+32.3	+67.4	+82.4	+69.5

SHIPMENTS -- MACHINE TOOLS
(Millions of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
DEC 1988	186.40	22.95	209.35	64.30	18.85	83.15	250.70	41.80	292.50
NOV 1988	156.70	14.10	170.80	80.15	6.60	86.75	236.85	20.70	257.55
% CHANGE									
DEC 1988:NOV 1988	+19.0	+62.8	+22.6	-19.8	+185.6	-4.1	+5.8	+101.9	+13.6
DEC 1987	208.90	17.30	226.20	44.05	18.15	62.20	252.95	35.45	288.40
% CHANGE									
DEC 1988:DEC 1987	-10.8	+32.7	-7.4	+46.0	+3.9	+33.7	-0.9	+17.9	+1.4
YEAR TO DATE 1988	1,400.10	174.45	1,574.55	702.20	122.30	824.50	2,102.30	296.75	2,399.05
YEAR TO DATE 1987	1,498.85	177.65	1,676.50	537.90	109.25	647.15	2,036.75	286.90	2,323.65
% CHANGE									
1988 : 1987	-6.6	-1.8	-6.1	+30.5	+11.9	+27.4	+3.2	+3.4	+3.2

Source: NMTBA - The Association For Manufacturing Technology

TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1987	$1,830.50	$ 288.30	$2,118.80	$ 999.50	$2,036.75	$ 286.90	$2,323.65
1988							
JAN	$ 266.05	$ 31.45	$ 297.50	$1,153.65	$ 125.65	$ 17.70	$ 143.35
FEB	$ 258.85	$ 39.20	$ 298.05	$1,285.25	$ 145.10	$ 21.35	$ 166.45
MAR	$ 222.05	$ 32.40	$ 254.45	$1,333.00	$ 185.75	$ 20.95	$ 206.70
APR	$ 193.45	$ 59.55	$ 253.00	$1,428.60	$ 133.90	$ 23.50	$ 157.40
MAY	$ 278.90	$ 45.80	$ 324.70	$1,573.60	$ 157.60	$ 22.10	$ 179.70
JUN	$ 345.25	$ 37.55	$ 382.80	$1,742.35	$ 185.25	$ 28.80	$ 214.05
JUL	$ 221.35	$ 33.60	$ 254.95	$1,809.60	$ 169.90	$ 17.80	$ 187.70
AUG	$ 252.80	$ 86.70	$ 339.50	$1,995.15	$ 133.75	$ 20.20	$ 153.95
SEP	$ 304.60	$ 23.60	$ 328.20	$2,095.80	$ 199.20	$ 28.35	$ 227.55
OCT	$ 239.25	$ 23.00	$ 262.25	$2,145.90	$ 178.65	$ 33.50	$ 212.15
NOV	$ 230.85	$ 48.15	$ 279.00	$2,167.35	$ 236.85	$ 20.70	$ 257.55
DEC (P)	$ 251.65	$ 64.75	$ 316.40	$2,191.25	$ 250.70	$ 41.80	$ 292.50
12 MONTHS	$3,065.05	$ 525.75	$3,590.80		$2,102.30	$ 296.75	$2,399.05

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1987	$1,949.10	$ 303.40	$2,252.50	$ 118.60	$ 15.10	$ 133.70
1988						
JAN	$ 268.95	$ 32.30	$ 301.25	$ 2.90	$ .85	$ 3.75
FEB	$ 265.15	$ 39.35	$ 304.50	$ 6.30	$ .15	$ 6.45
MAR	$ 227.55	$ 33.10	$ 260.65	$ 5.50	$ .70	$ 6.20
APR	$ 208.15	$ 62.00	$ 270.15	$ 14.70	$ 2.45	$ 17.15
MAY	$ 287.20	$ 46.10	$ 333.30	$ 8.30	$ .30	$ 8.60
JUN	$ 352.35	$ 38.95	$ 391.30	$ 7.10	$ 1.40	$ 8.50
JUL	$ 227.60	$ 34.10	$ 261.70	$ 6.25	$ .50	$ 6.75
AUG	$ 262.05	$ 88.05	$ 350.10	$ 9.25	$ 1.35	$ 10.60
SEP	$ 314.25	$ 25.30	$ 339.55	$ 9.65	$ 1.70	$ 11.35
OCT	$ 255.90	$ 24.45	$ 280.35	$ 16.65	$ 1.45	$ 18.10
NOV	$ 244.25	$ 50.65	$ 294.90	$ 13.40	$ 2.50	$ 15.90
DEC (P)	$ 266.80	$ 67.40	$ 334.20	$ 15.15	$ 2.65	$ 17.80
12 MONTHS	$3,180.20	$ 541.75	$3,721.95	$ 115.15	$ 16.00	$ 131.15

P - Preliminary
Source: NMTBA - The Association For Manufacturing Technology

INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1987	$1,294.45	$ 157.00	$1,451.45	$ 672.20	$1,498.85	$ 177.65	$1,676.50
1988							
JAN	$ 205.75	$ 18.20	$ 223.95	$ 824.95	$ 61.60	$ 9.60	$ 71.20
FEB	$ 217.95	$ 32.45	$ 250.40	$ 966.45	$ 97.00	$ 11.90	$ 108.90
MAR	$ 174.1$	$ 17.75	$ 191.90	$1,020.60	$ 123.95	$ 13.80	$ 137.75
APR	$ 146.45	$ 48.85	$ 195.30	$1,120.60	$ 82.20	$ 13.10	$ 95.30
MAY	$ 205.65	$ 37.20	$ 242.85	$1,252.20	$ 100.25	$ 11.00	$ 111.25
JUN	$ 210.65	$ 27.70	$ 238.35	$1,357.75	$ 116.00	$ 16.80	$ 132.80
JUL	$ 167.55	$ 19.45	$ 187.00	$1,410.05	$ 126.15	$ 8.55	$ 134.70
AUG	$ 179.30	$ 82.20	$ 261.50	$1,566.15	$ 93.00	$ 12.40	$ 105.40
SEP	$ 252.95	$ 13.55	$ 266.50	$1,681.45	$ 133.50	$ 17.70	$ 151.20
OCT	$ 199.25	$ 16.15	$ 215.40	$1,750.95	$ 123.35	$ 22.55	$ 145.90
NOV	$ 164.60	$ 23.75	$ 188.35	$1,768.50	$ 156.70	$ 14.10	$ 170.80
DEC (P)	$ 191.45	$ 54.90	$ 246.35	$1,805.50	$ 186.40	$ 22.95	$ 209.35
12 MONTHS	$2,315.70	$ 392.15	$2,707.85		$1,400.10	$ 174.45	$1,574.55

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1987	$1,365.85	$ 167.35	$1,533.20	$ 71.40	$ 10.35	$ 81.75
1988						
JAN	$ 207.35	$ 18.80	$ 226.15	$ 1.60	$ .60	$ 2.20
FEB	$ 221.05	$ 32.55	$ 253.60	$ 3.10	$ .09	$ 3.20
MAR	$ 178.10	$ 17.95	$ 196.05	$ 3.95	$ .20	$ 4.15
APR	$ 150.30	$ 50.50	$ 200.80	$ 3.85	$ 1.65	$ 5.50
MAY	$ 210.40	$ 37.45	$ 247.85	$ 4.75	$ .25	$ 5.00
JUN	$ 216.85	$ 29.00	$ 245.85	$ 6.20	$ 1.30	$ 7.50
JUL	$ 172.40	$ 19.70	$ 192.10	$ 4.85	$ .25	$ 5.10
AUG	$ 186.20	$ 83.15	$ 269.35	$ 6.90	$ .95	$ 7.85
SEP	$ 260.45	$ 14.40	$ 274.85	$ 7.50	$ .85	$ 8.35
OCT	$ 210.30	$ 17.55	$ 227.85	$ 11.05	$ 1.40	$ 12.45
NOV	$ 176.55	$ 25.90	$ 202.45	$ 11.95	$ 2.15	$ 14.10
DEC (P)	$ 202.00	$ 56.35	$ 258.35	$ 10.55	$ 1.45	$ 12.00
12 MONTHS	$2,391.95	$ 403.30	$2,795.25	$ 76.25	$ 11.15	$ 87.40

P - Preliminary
Source: NMTBA - The Association For Manufacturing Technology

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog
(Millions of Dollars)

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog	SHIPMENTS Domestic	Foreign	Total
1987	$ 536.05	$ 131.30	$ 667.35	$ 327.30	$ 537.90	$ 109.25	$ 647.15
1988							
JAN	$ 60.30	$ 13.25	$ 73.55	$ 328.70	$ 64.05	$ 8.10	$ 72.15
FEB	$ 40.90	$ 6.75	$ 47.65	$ 318.80	$ 48.10	$ 9.45	$ 57.55
MAR	$ 47.90	$ 14.65	$ 62.55	$ 312.40	$ 61.80	$ 7.15	$ 68.95
APR	$ 47.00	$ 10.70	$ 57.70	$ 308.00	$ 51.70	$ 10.40	$ 62.10
MAY	$ 73.25	$ 8.60	$ 81.85	$ 321.40	$ 57.35	$ 11.10	$ 68.45
JUN	$ 134.60	$ 9.85	$ 144.45	$ 384.60	$ 69.25	$ 12.00	$ 81.25
JUL	$ 53.80	$ 14.15	$ 67.95	$ 399.55	$ 43.75	$ 9.25	$ 53.00
AUG	$ 73.50	$ 4.50	$ 78.00	$ 429.00	$ 40.75	$ 7.80	$ 48.55
SEP	$ 51.65	$ 10.05	$ 61.70	$ 414.35	$ 65.70	$ 10.65	$ 76.35
OCT	$ 40.00	$ 6.85	$ 46.85	$ 394.95	$ 55.30	$ 10.95	$ 66.25
NOV	$ 66.25	$ 24.40	$ 90.65	$ 398.85	$ 80.15	$ 6.60	$ 86.75
DEC (P)	$ 60.20	$ 9.85	$ 70.05	$ 385.75	$ 64.30	$ 18.85	$ 83.15
12 MONTHS	$ 749.35	$ 133.60	$ 882.95		$ 702.20	$ 122.30	$ 824.50

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1987	$ 583.25	$ 136.05	$ 719.30	$ 47.20	$ 4.75	$ 51.95
1988						
JAN	$ 61.60	$ 13.50	$ 75.10	$ 1.30	$ .25	$ 1.55
FEB	$ 44.10	$ 6.80	$ 50.90	$ 3.20	$ .05	$ 3.25
MAR	$ 49.45	$ 15.15	$ 64.60	$ 1.55	$ .50	$ 2.05
APR	$ 57.85	$ 11.50	$ 69.35	$ 10.85	$ .80	$ 11.65
MAY	$ 76.80	$ 8.65	$ 85.45	$ 3.55	$ .05	$ 3.60
JUN	$ 135.50	$ 9.95	$ 145.45	$ .90	$ .10	$ 1.00
JUL	$ 55.20	$ 14.40	$ 69.60	$ 1.40	$ .25	$ 1.65
AUG	$ 75.85	$ 4.90	$ 80.75	$ 2.35	$ .40	$ 2.75
SEP	$ 53.80	$ 10.90	$ 64.70	$ 2.15	$ .85	$ 3.00
OCT	$ 45.60	$ 6.90	$ 52.50	$ 5.60	$ .05	$ 5.65
NOV	$ 67.70	$ 24.75	$ 92.45	$ 1.45	$ .35	$ 1.80
DEC (P)	$ 64.80	$ 11.05	$ 75.85	$ 4.60	$ 1.20	$ 5.80
12 MONTHS	$ 788.25	$ 138.45	$ 926.70	$ 38.90	$ 4.85	$ 43.75

P - Preliminary
Source: NMTBA - The Association For Manufacturing Technology

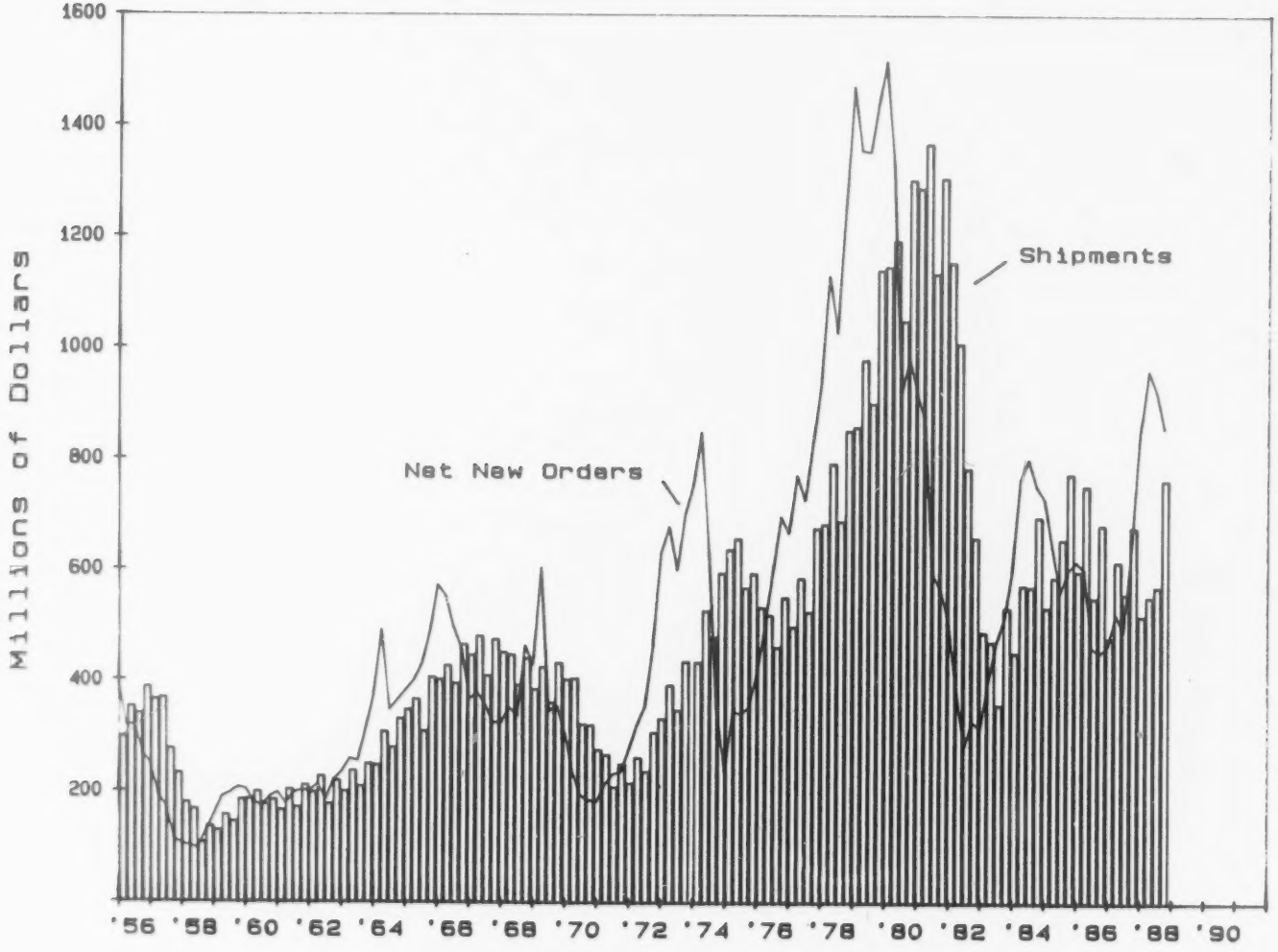
QUARTERLY AND YEARLY SHIPMENTS AND NET NEW ORDERS OF MACHINE TOOLS
(Dollar Figures in Thousands)
1982 to Date

	Cutting and Forming			Cutting			Forming		
	SHIPMENTS		NET	SHIPMENTS		NET	SHIPMENTS		NET
DATE	Total	Foreign	NEW ORDERS	Total	Foreign	NEW ORDERS	Total	Foreign	NEW ORDERS
1982-1	$1,154,200	$112,650	$ 506,800	$ 933,050	$ 71,750	$ 384,850	$ 221,150	$ 40,900	$ 121,950
2	1,008,450	96,600	382,650	810,650	75,350	274,750	197,800	21,250	107,900
3	783,400	107,200	279,950	640,450	89,750	183,450	142,950	17,450	96,500
4	658,350	89,600	328,350	510,600	59,300	221,400	147,750	30,300	106,950
Total	$3,604,400	$406,050	$1,497,750	$2,894,750	$296,150	$1,064,450	$ 709,650	$ 109,900	$ 433,300
1983-1	$ 487,450	$ 56,650	$ 314,850	$ 370,600	$ 40,800	$ 224,100	$ 116,850	$ 15,850	$ 90,750
2	469,650	58,300	399,100	357,500	49,300	269,300	112,150	9,000	129,800
3	357,050	42,900	468,150	252,350	32,200	322,200	104,700	10,700	145,950
4	530,900	57,150	514,050	391,050	49,600	336,050	139,850	7,550	178,000
Total	$1,845,050	$215,000	$1,696,150	$1,371,500	$171,900	$1,151,650	$ 473,550	$ 43,100	$ 544,500
1984-1	$ 449,500	$ 40,550	$ 600,450	$ 298,100	$ 25,100	$ 412,750	$ 151,400	$ 15,450	$ 187,700
2	572,300	50,700	764,400	401,800	28,250	499,200	170,500	22,450	265,200
3	568,850	41,850	800,200	401,550	24,300	493,000	167,300	17,550	307,200
4	695,200	60,150	750,750	505,050	45,000	510,850	190,150	15,150	239,900
Total	$2,285,850	$193,250	$2,915,800	$1,606,500	$122,650	$1,915,800	$ 679,350	$ 70,600	$1,000,000
1985-1	$ 531,700	$ 48,950	$ 728,250	$ 357,050	$ 37,150	$ 528,500	$ 174,650	$ 11,800	$ 199,750
2	586,050	37,700	641,400	385,000	27,450	475,700	201,050	10,250	165,700
3	654,650	58,250	558,450	443,050	35,950	404,750	211,600	22,300	153,700
4	772,800	108,850	600,000	557,150	93,200	444,150	215,650	15,650	155,850
Total	$2,545,200	$253,750	$2,528,100	$1,742,250	$193,750	$1,853,100	$ 802,950	$ 60,000	$ 675,000
1986-1	$ 597,300	$ 67,500	$ 615,750	$ 386,950	$ 55,200	$ 463,500	$ 210,350	$ 12,300	$ 152,250
2	751,000	64,100	600,600	569,350	49,500	434,650	181,650	14,600	165,950
3	549,350	64,200	459,650	418,700	49,500	344,050	130,650	14,700	115,600
4	680,850	76,650	449,300	515,300	51,400	302,050	165,550	25,250	147,250
Total	$2,578,500	$272,450	$2,125,300	$1,890,300	$205,600	$1,544,250	$ 688,200	$ 66,850	$ 581,050
1987-1	$ 476,800	$ 55,950	$ 463,700	$ 349,150	$ 38,050	$ 326,100	$ 127,650	$ 17,900	$ 137,600
2	614,100	71,300	521,150	442,600	46,300	339,300	171,500	25,000	181,850
3	556,650	66,300	487,850	397,750	43,350	324,550	158,900	22,950	163,300
4	676,100	93,350	646,100	487,000	49,950	461,500	189,100	43,400	184,600
Total	$2,323,650	$286,900	$2,118,800	$1,676,500	$177,650	$1,451,450	$ 647,150	$ 109,250	$ 667,350
1988-1	$ 516,500	$ 60,000	$ 850,000	$ 317,850	$ 35,300	$ 666,250	$ 198,650	$ 24,700	$ 183,750
2	551,150	74,400	960,500	339,350	40,900	676,500	211,800	33,500	284,000
3	569,200	66,350	922,650	391,300	38,650	715,000	177,900	27,700	207,650
4P	762,200	96,000	857,650	526,050	59,600	650,100	236,150	36,400	207,550
Total	$2,399,050	$296,750	$3,590,800	$1,574,550	$174,450	$2,707,850	$ 824,500	$ 122,300	$ 882,950

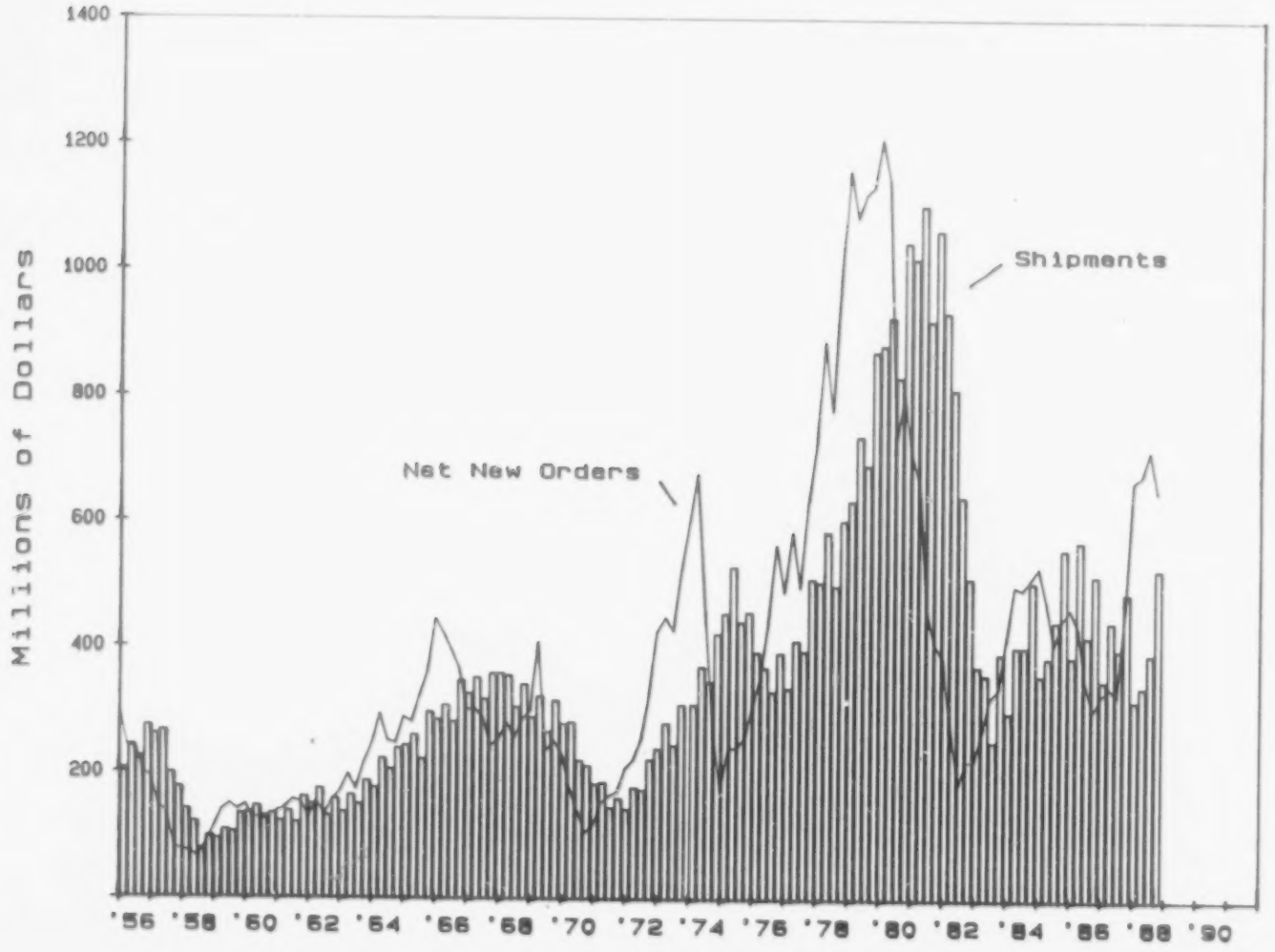
P - Preliminary
Source: NMTBA - The Association For Manufacturing Technology

January 20, 1989

Total Machine Tools
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956: 1 to 1988: 4



Metal Cutting Machine Tools
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956: 1 to 1988: 4



Metal Forming Machine Tools
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956: 1 to 1988: 4